Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 14 Jul 2023 until 23:59 on Saturday 15 Jul 2023

Forecast Issued on Thursday 13 Jul 2023 at 15:54

Confidence: High confidence in main themes until Tuesday, including unseasonably wet and windy spell Friday into Saturday. Confidence lowers significantly on Tuesday with a further weather system arriving.

Headline for Friday 14 Jul 2023: Unseasonably wet and windy. Activities best confined to lower slopes.

Mountain weather hazards on Friday 14 Jul 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain	Cloudy	Heavy Rain	Heavy Rain	Heavy Rain	Light rain
Precipitation probability							
30%	30%	30%	20%	80%	80%	80%	30%

Forecast for Friday 14 Jul 2023

Weather: Some light rain and drizzle is expected during the early hours and into daybreak. Probably largely fine for a time early in the morning in perhaps the most favourable conditions for the day as a whole, although this will be short-lived, and significant deterioration is then likely. Extensive arriving cloud bearing persistent and occasionally heavy rain will move in on strengthening winds before lunchtime. Rain eventually easing into the evening, but ragged cloud remaining, as winds remain strong.

Chance of cloud-free hill tops above 600m: Near nil.

Low Cloud and visibility: Broken down to 400 metres in the south especially at first, with ragged bases, perhaps improving to near the highest ground by the end of the day. Visbility often hampered by rain, often moderate.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Friday 14 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/16 SW	10/15 S	12/18 S	11/17 S	14/21 SE	19/28 SE	22/33 SE	19/29 S	21/32 S
300	3/10 S	5/12 S	7/14 S	9/16 S	10/20 SE	13/28 SE	15/33 SE	12/26 S	13/29 S
Valley	2/10 S	5/13 S	7/17 S	8/16 S	9/19 SE	13/27 SE	15/34 SE	12/27 S	12/28 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/8	10/8	10/8	12/10	12/9	11/8	12/8	13/10	11/8
300	12/11	12/11	12/11	15/13	15/13	14/11	14/11	15/13	13/11
Valley	13/13	13/13	14/13	16/15	16/15	15/13	15/13	16/14	15/13
Freezing Level*	2500m	2600m	2600m	2400m	2500m	2900m	3400m	2900m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds are likely to peak as drier evening conditions arrive, with caution advised given deceptive shelter in some valleys.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 13 Jul 2023	2.8mm	10.6mm	26.2mm

Forecast for Saturday 15 Jul 2023

Weather: A brighter but no less windy day than on Friday, with frequent sharp blustery showers blowing through, perhaps mergeing to give longer spells of rain in places. Tending to become cloudier and windier with time.

Maximum wind: Increasing southwesterly 40mph.

Chance of cloud-free hill tops above 600m: 70%, but note hazardous summit conditions.

Low Cloud and visibility: Broken cloud around 700 metres, visibility good but with frequent deterioration in showers.

Temperature: **Valleys:** Plus 11 becoming plus 20 degrees Celsius.
At 600m: Plus 12 degrees Celsius.
Freezing level: Well above the summits.

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